



# Pencemaran Lingkungan

Pengertian, Penyebab, dan  
Komponen Pencemaran Udara

Hashfi Hawali



# Pencemaran Udara

Kondisi dimana terdapat satu atau lebih substansi fisika, kimia, dan biologi di atmosfer dalam jumlah yang membahayakan bagi kesehatan makhluk hidup

Dengan arti lain, pencemaran udara menyebabkan penurunan kualitas udara.



# Penyebab Pencemaran Udara

## ALAM

Letusan Gunung Berapi

Kebakaran Hutan

## MANUSIA

Asap Kendaraan

Asap Industri

Kegiatan  
Domestik



# Dampak Pencemaran Udara

**KESEHATAN**

**EKONOMI**

**PENDIDIKAN**

**SOSIAL**

**PERTANIAN**

**RUSAKNYA  
OZON**

**EFEK RUMAH  
KACA**

**HUJAN ASAM**



# Komponen Pencemaran Udara

**Karbon Monoksida (CO)**

**Sulfur Dioksida (SO<sub>2</sub>)**

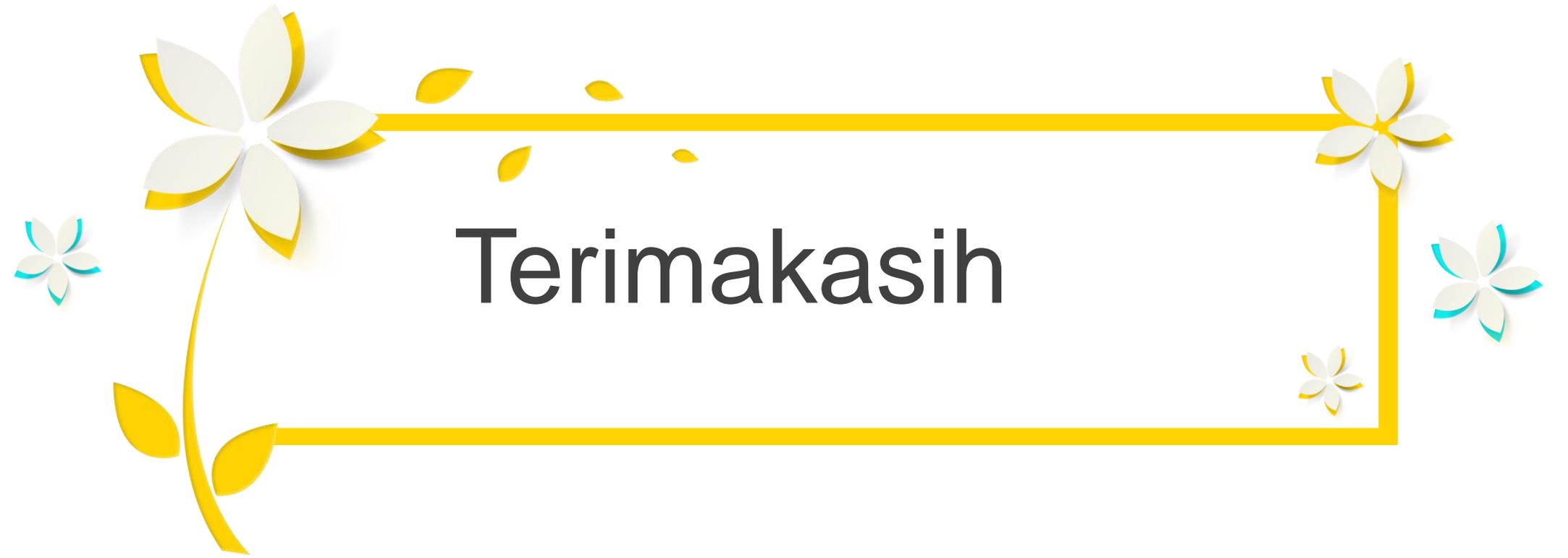
**Karbon Dioksida (CO<sub>2</sub>)**

**Hidrokarbon (HC)**

**Nitrogen Oksida (NO)**

**Ozon (O<sub>3</sub>)**

**Partikulat (PM)**

A decorative rectangular frame made of a thick yellow line. The frame is adorned with stylized flowers and leaves. On the left side, there is a large white flower with yellow outlines and a yellow stem with two yellow leaves. On the right side, there is a white flower with yellow outlines at the top right corner, a white flower with blue outlines at the bottom right corner, and a small white flower with yellow outlines at the bottom right corner. Several yellow leaves are scattered along the top edge of the frame.

**Terimakasih**